## PATENT APPLICATION

Sheet 1 of 3

F	ORM	PTO-1449			ATTY. DOCKET NO.	APPLICATION NO. CONFIRMATION
	ST O	F PATENTS AND P	IRI ICATIONS EOD		200300504-1	
		ANT'S INFORMATI	ON DISCLOSURE		APPLICANT	
		STATE	MENT		Paul W. Winterro	GROUP
(Use several sheets if necessary)					August 30, 2003	
REFERE	NCE	DESIGNATION	U.S.	PATE	NT DOCUMENTS	
KAMINE INITIAL		DOCUMENT NUMBER	PUBLICATION DATE		NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
DHM	1A	6,571,268 B1	May 27, 2003	G	iacalone et al.	
DHM	1B	2002/0169812	Nov. 14, 2002	0	rchard	
DHM	1C	6,460,064 B1	Oct. 1, 2002	Le	ee	
DHM	1D	6,442,582 B1	Aug. 27, 2002	Н	ale .	
рнм	1E	2002/0116433	Aug. 22, 2002	A	waka et al.	
DHM	1F	6,434,587 B1	Aug. 13, 2002	Li	ao et al.	
DHM	1G	6,275,841 B1	Aug. 14, 2001	Po	otter et al.	
DHM	1H	2001/0009012	Jul. 19, 2001	Ito	oh	
DHM	11	5,867,415	Feb. 2, 1999	М	akino	
DHM	1J	5,754,459	May 19, 1998	Te	elikepalli	
DHM	1K	5,504,915	Apr. 2, 1996	Ra	arick	
		DOCUMENT NUMBER	PUBLICATION DATE	Т	N PATENT DOCUME NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear  Check Translated attack
DHM	1L	WO95/04964A1	Feb. 16,1995	Hyun	dai Electronics	
DHM	1M	JP06348457A	Dec.22, 1994	Toshi	hiro	×
DHM	1N	JP04153730A	May 27, 1992	Gensi	uke	×
DHM	10	WO91/19249A1	Dec. 12,1991	Micro	n Technology, I	
DHM	1P	JP03269724A	Dec. 2, 1991	Fujits	u Ltd.	X
		OTHER REFE	RENCES (includ	ing Au	uthor, Title, Date, Pe	ertinent Pages, etc.)
DHIM	10	I Power ASIC 97	'.575. March 24	2003	Multipliers for Perform Carleton University, D 75/MantoPresentation	nance Issues, High Speed & Low lepartment of Electronics. .ppt
DHM	1R	i Design Perspec	tive. Arithmetic C	ircuits.	nantha, NIKOLIC, Bor January 2003, lides/chapter11.ppt	ivoje, Digital Integrated Circuits A
DHM	15	BOHSALI, Mounthttp://www.eed	nir, DOAN, Micha cs.berkeley.edu/ n	el, Des nounir/	ign of Regularly Struc ee241/ee241.part2.po	tured Wallace Tree Multipliers,
	L	<u> </u>				
EXAMIN	ER	/David M			DATE CONSIDERE	

## PATENT APPLICATION Sheet 2 of 3

					ATTY. DOCKET NO.		APPLICATION NO.	CONFIRMA	TION
F	ORM	PTO-1449						00111111111111	
u	ST O	F PATENTS AND F	UBLICATIONS FOR		200300504-1 APPLICANT		<del></del>	l	
		ANT'S INFORMAT			Paul W. Winterrowd FILING DATE August 30, 2003		GRÖUP		
	(	Use several sheets	if necessary)						
REFERE	NCE	DESIGNATION	U.S.	PATEN	T DOCUMENTS				
KAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE		NAME		Pages, Columns, Lines Where Relevant Passages or Figures Appear		
DHM	2A	5,347,482	Sep. 13, 1994		Williams				
DHM	2B	5,265,043	Nov. 23, 1993	Nai	ini et al.				
DHM	2C	5,181,185	Jan. 19, 1993	Hai	n et al.				
DHM	2D	4,972,362	Nov. 20, 1990	Elki	ind et al.				_
DHM	2E	4,852,037	Jul. 25, 1989	Aol	ki				
	2F								
	2G								
	2H								
	21								
	2J								
			I	$\overline{}$					
	2K	DOCUMENT		<del></del>	PATENT DOCUM			s Where	,
	2K	DOCUMENT NUMBER	PUBLICATION DATE	<del></del>	PATENT DOCUM AME OF PATENTEE OR APPLICANT	T	Pages/Columns/Lines evant Passages/Figu	s Where res Appear	Chec Transl attac
DHM	2L		PUBLICATION	N/	AME OF PATENTEE	T	Pages/Columns/Lines	s Where res Appear	Transl attac
онм		NUMBER	PUBLICATION DATE	N/	AME OF PATENTEE OR APPLICANT Shita Electric	T	Pages/Columns/Lines	s Where res Appear	Transl
	2L 2M 2N	NUMBER JP03214233A	PUBLICATION DATE Sep.19,1991	Matsus	AME OF PATENTEE OR APPLICANT Shita Electric Ltd.	T	Pages/Columns/Lines	s Where res Appear	Transl attac X
DHM	2L 2M 2N 2O	NUMBER JP03214233A JP62166424A	PUBLICATION DATE Sep.19,1991 Jul.22,1987	Matsus Fujitsu	AME OF PATENTEE OR APPLICANT Shita Electric Ltd.	T	Pages/Columns/Lines	s Where res Appear	Transl attac X
DHM	2L 2M 2N	NUMBER JP03214233A JP62166424A	PUBLICATION DATE Sep.19,1991 Jul.22,1987	Matsus Fujitsu	AME OF PATENTEE OR APPLICANT Shita Electric Ltd.	T	Pages/Columns/Lines	s Where res Appear	Transl attac X
DHM	2L 2M 2N 2O	NUMBER JP03214233A JP62166424A JP57199044A	PUBLICATION DATE Sep.19,1991 Jul.22,1987 Dec.6, 1982	Matsus Fujitsu Fujitsu	AME OF PATENTEE OR APPLICANT Shita Electric Ltd.	Rel	Pages/Columns/Lines evant Passages/Figu	s Where res Appear	Transl attac X
DHM	2L 2M 2N 2O	NUMBER JP03214233A JP62166424A JP57199044A  OTHER REF	PUBLICATION DATE Sep.19,1991 Jul.22,1987 Dec.6, 1982 ERENCES (include	Matsus Fujitsu Fujitsu	AME OF PATENTEE OR APPLICANT Shita Electric Ltd. Ltd.	Rel	Pages/Columns/Lines evant Passages/Figure	s Where res Appear	Transl attac X
DHM	2L 2M 2N 2O 2P	NUMBER  JP03214233A  JP62166424A  JP57199044A  OTHER REFI	PUBLICATION DATE Sep.19,1991 Jul.22,1987 Dec.6, 1982  ERENCES (includent, DOAN, Michaecs, berkeley, edu/	Matsus Fujitsu Fujitsu Iing Aut	AME OF PATENTEE OR APPLICANT Shita Electric Ltd. Ltd. thor, Title, Date, F	Pertine ace Treport.	Pages/Columns/Lines evant Passages/Figure ent Pages, etc.) ee Multipliers, pdf	res Appear	Transl attac X
DHM	2L 2M 2N 2O 2P	NUMBER  JP03214233A  JP62166424A  JP57199044A  OTHER REFI  BOHSALI, Monhttp://www.ee	PUBLICATION DATE  Sep.19,1991  Jul.22,1987  Dec.6, 1982  ERENCES (includent, DOAN, Michaecs berkeley.edu/ includent)  (1964). A suggest	Matsus Fujitsu Fujitsu Iing Aut ae), Rect mounir/e	AME OF PATENTEE OR APPLICANT Shita Electric Ltd. Ltd. thor, Title, Date, F angular Styled Wallate241/ee241_final_re	Pertine ace Treport.	Pages/Columns/Lines evant Passages/Figurent ent Pages, etc.) ee Multipliers, pdf	nters 13,	Transi attac
DHM	2L 2M 2N 2O 2P	NUMBER  JP03214233A  JP62166424A  JP57199044A  OTHER REFI  BOHSALI, Monhttp://www.ee  Wallace, C.S. 1417.  A.D. Booth, A 1951.	PUBLICATION DATE  Sep.19,1991  Jul.22,1987  Dec.6, 1982  ERENCES (includent, DOAN, Michaecs berkeley.edu/ includent)  (1964). A suggest	Matsus Fujitsu Fujitsu Iing Aut ae), Rect mounir/e	AME OF PATENTEE OR APPLICANT Shita Electric Ltd. Ltd. Ltd. thor, Title, Date, F angular Styled Wallate241/ee241_final_re	Pertine ace Treport.	Pages/Columns/Lines evant Passages/Figurent ent Pages, etc.) ee Multipliers, pdf	nters 13,	Transl attac

## PATENT APPLICATION Sheet 3 of 3

APPLICATION NO. CONFIRMATION NO. ATTY, DOCKET NO. FORM PTO-1449 200300504-1 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT APPLICANT'S INFORMATION DISCLOSURE Paul W. Winterrowd STATEMENT FILING DATE **GROUP** (Use several sheets if necessary) August 30, 2003 REFERENCE DESIGNATION **U.S. PATENT DOCUMENTS** EXAMINER DOCUMENT **PUBLICATION** Pages, Columns, Lines Where INITIAL NUMBER DATE NAME Relevant Passages or Figures Appear DHM 3A 5,070,502 Dec. 3, 1991 Supnik 3B 3C 3D 3E 3F 3G 3H 31 **3**J 3K FOREIGN PATENT DOCUMENTS Check if DOCUMENT **PUBLICATION** NAME OF PATENTEE Pages/Columns/Lines Where Translation NUMBER DATE OR APPLICANT Relevant Passages/Figures Appear attached 3L 3M 3N 30 3P OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.) 3Q 3R 38 EXAMINER DATE CONSIDERED , /David Malzahn/ 10/05/2006

Rev 05/03 (PTO1449)